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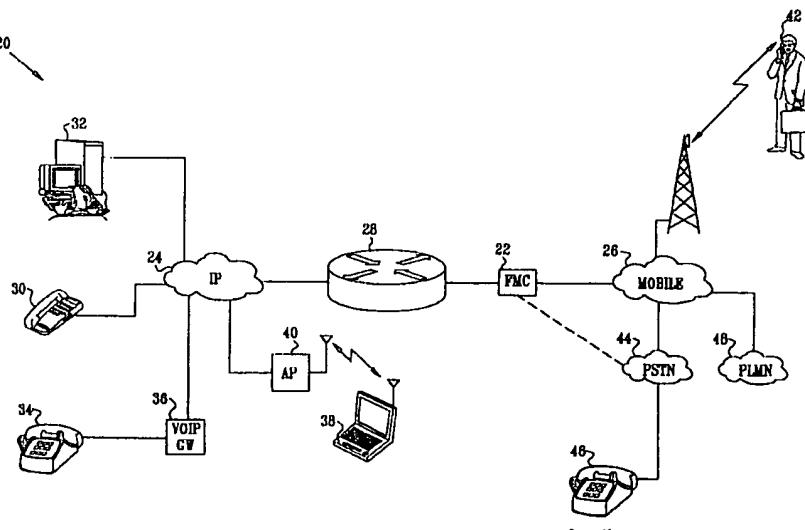
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(54) Title: INTEGRATION OF PACKET AND CELLULAR TELEPHONE NETWORKS

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(57) Abstract: Communication apparatus (22) includes a packet network interface (62), for coupling to a packet switch (28) in a packet network (24), and a telephone network interface (63), for coupling to a node (54) in a circuit-switched telephone network (26). A convergence processor (66) is coupled between the packet network and telephone network interfaces and adapted to emulate a mobile switching center (MSC) and a visitor location register (VLR) in the circuit-switched telephone network so as to assign telephone numbers in the circuit-switched telephone network to user terminals (30, 32, 34, 38) in the packet network and to connect telephone calls, using the assigned telephone numbers, between telephones (42) in the circuit-switched network and the user terminals. 51617



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